

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071218\
 Data File : VV006592.D
 Acq On : 12 Jul 2018 18:06
 Operator : SY/MD
 Sample : J3919-18
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF6

Quant Time: Jul 13 01:48:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 13 01:47:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	309949	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	282492	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	123083	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66359	3.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.80%
7) Chloroethane-d5	1.58	69	64397	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.13	63	89802	2.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.20%#
20) 2-Butanone-d5	3.95	46	208879	48.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.60%
24) Chloroform-d	4.41	84	151237	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.09	65	74243	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.10	84	304531	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.12	67	100027	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.36	98	258251	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.67	79	29585	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.14	63	192034	53.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.28%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	76511	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	109542	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

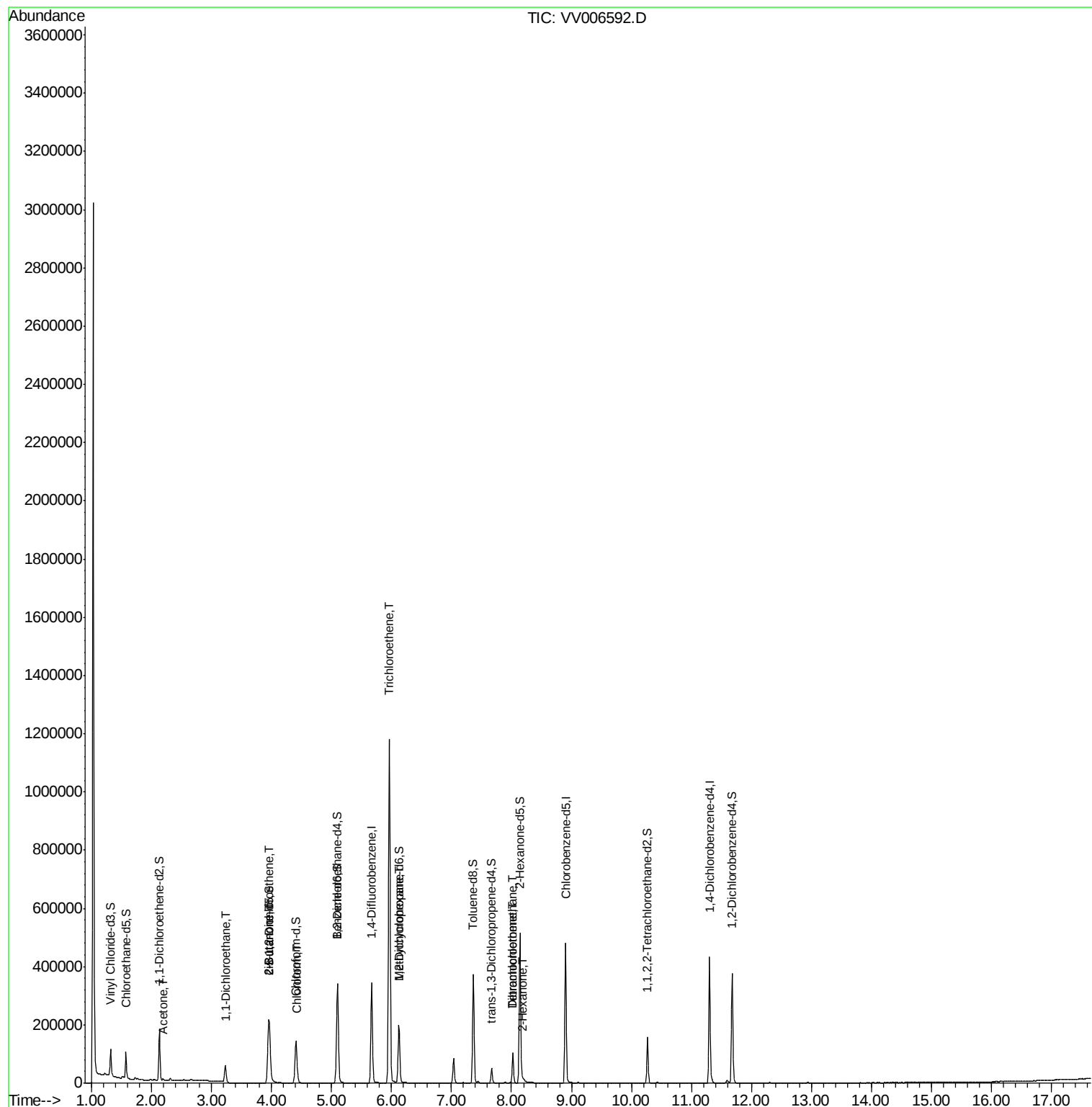
					Qvalue
13) Acetone	2.19	43	3040	1.123 ug/L	100
19) 1,1-Dichloroethane	3.23	63	59824	1.628 ug/L	99
21) 2-Butanone	3.95	43	1627	0.366 ug/L	83
22) cis-1,2-Dichloroethene	3.97	96	70497	3.099 ug/L	98
25) Chloroform	4.43	83	7599	0.208 ug/L	99
34) Trichloroethene	5.96	95	416035	19.238 ug/L	98
35) Methylcyclohexane	6.12	83	24117	0.693 ug/L #	19
47) Tetrachloroethene	8.02	164	25064	1.409 ug/L	99
48) 2-Hexanone	8.19	43	2882	0.389 ug/L #	39
49) Dibromochloromethane	8.02	129	21369	1.420 ug/L #	12

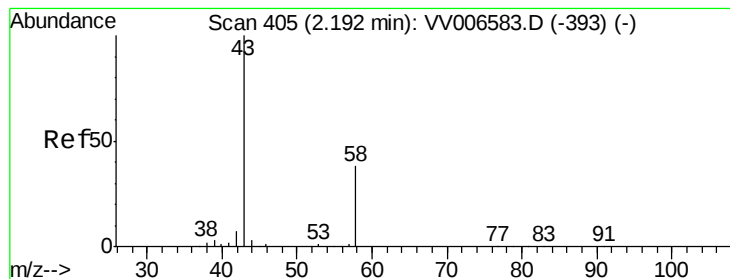
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 13 01:47:22 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.123 ug/L

RT: 2.19 min Scan# 405

Delta R.T. 0.00 min

Lab File: VV006592.D

Acq: 12 Jul 2018 18:06

Instrument :

MSVOA_V

ClientSampleId :

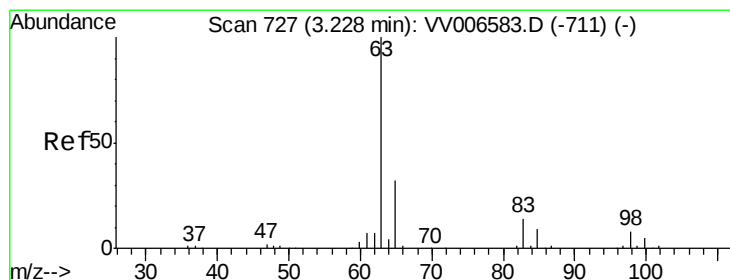
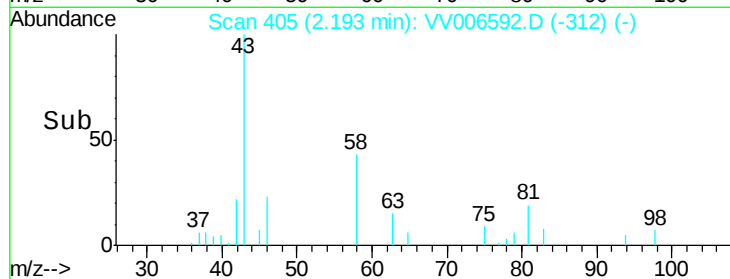
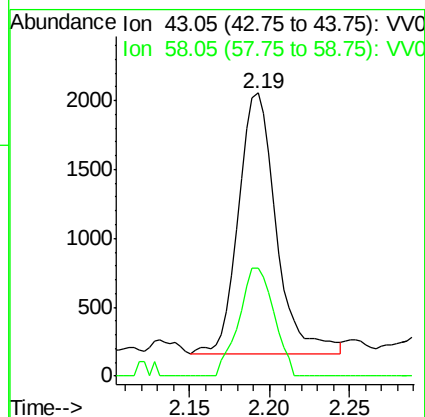
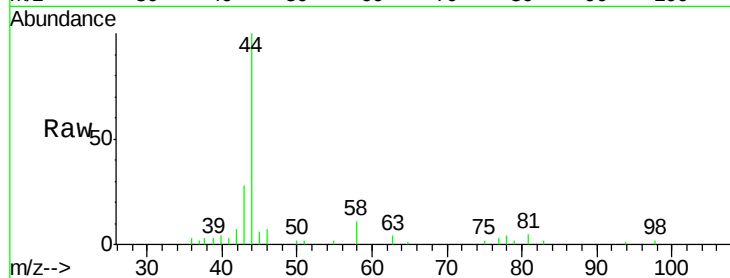
C0AF6

Tgt Ion: 43 Resp: 3040

Ion Ratio Lower Upper

43 100

58 38.1 0.0 76.2



#19

1,1-Dichloroethane

Concen: 1.628 ug/L

RT: 3.23 min Scan# 728

Delta R.T. 0.00 min

Lab File: VV006592.D

Acq: 12 Jul 2018 18:06

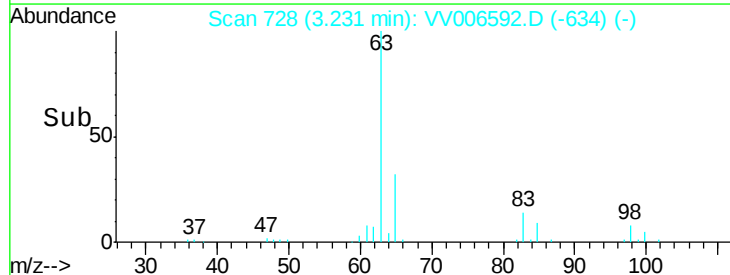
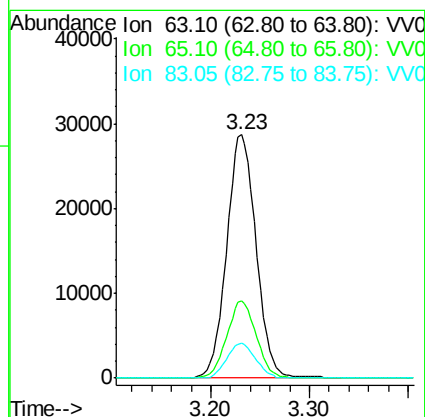
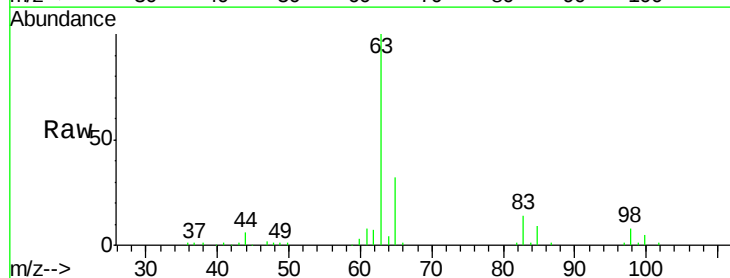
Tgt Ion: 63 Resp: 59824

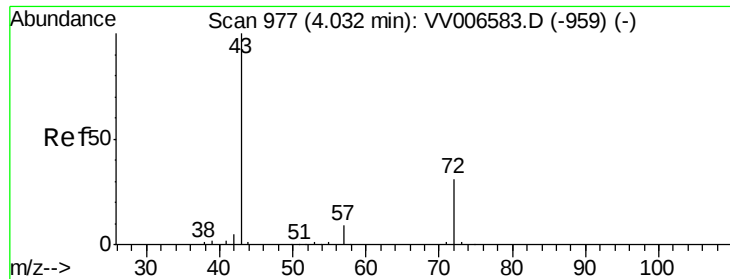
Ion Ratio Lower Upper

63 100

65 32.0 22.0 41.0

83 14.2 9.5 17.7





#21

2-Butanone

Concen: 0.366 ug/L

RT: 3.95 min Scan# 953

Delta R.T. -0.08 min

Lab File: VV006592.D

Acq: 12 Jul 2018 18:06

Instrument :

MSVOA_V

ClientSampleId :

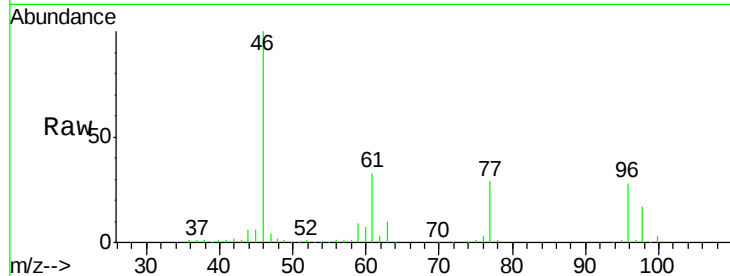
C0AF6

Tgt Ion: 43 Resp: 1627

Ion Ratio Lower Upper

43 100

72 21.0 15.1 45.3



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0

3.95

600

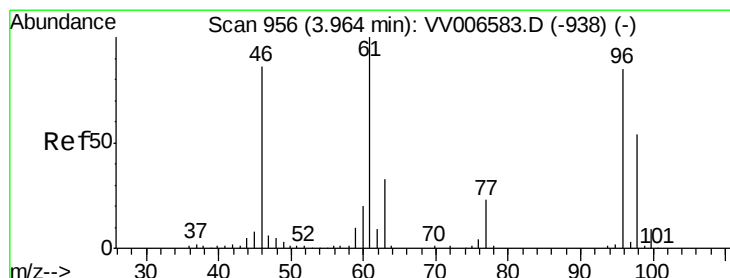
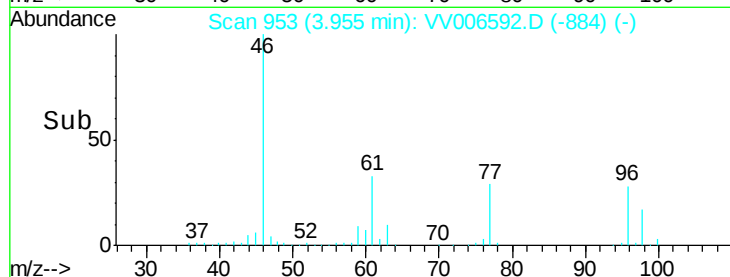
400

200

0

3.90 3.95 4.00

Time-->



#22

cis-1,2-Dichloroethene

Concen: 3.099 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV006592.D

Acq: 12 Jul 2018 18:06

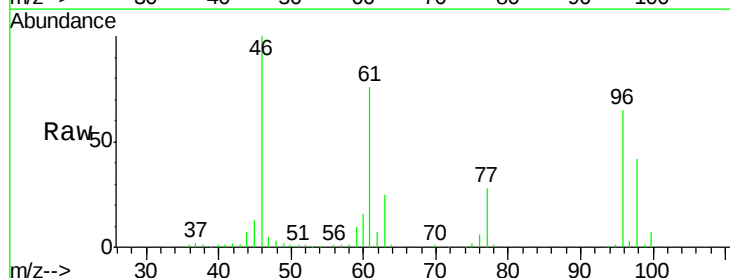
Tgt Ion: 96 Resp: 70497

Ion Ratio Lower Upper

96 100

61 117.1 83.8 155.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

3.97

40000

30000

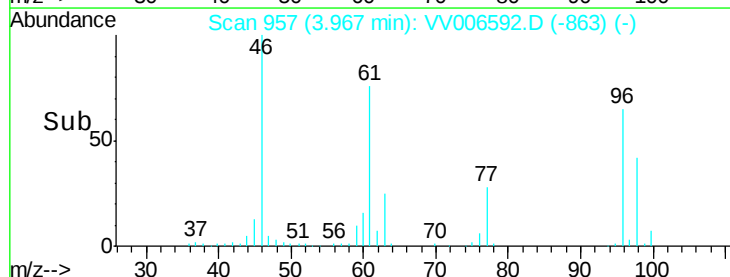
20000

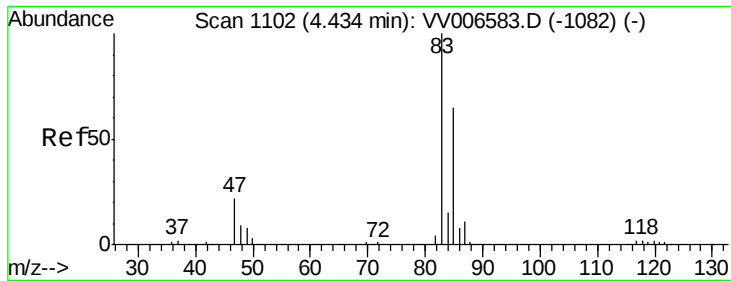
10000

0

3.90 3.95 4.00

Time-->





#25

Chloroform

Concen: 0.208 ug/L

RT: 4.43 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VV006592.D

Acq: 12 Jul 2018 18:06

Instrument :

MSVOA_V

ClientSampleId :

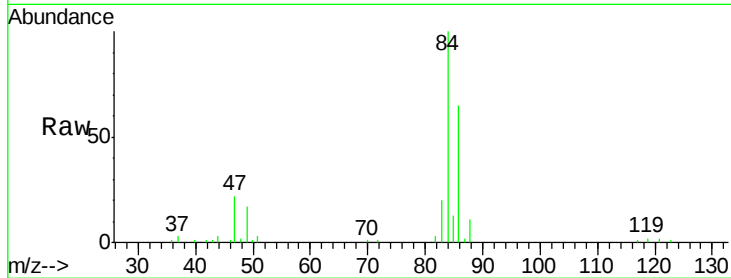
C0AF6

Tgt Ion: 83 Resp: 7599

Ion Ratio Lower Upper

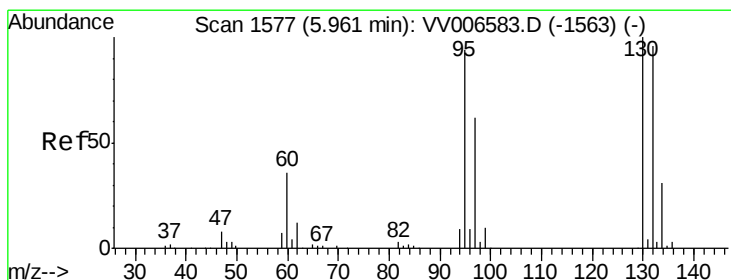
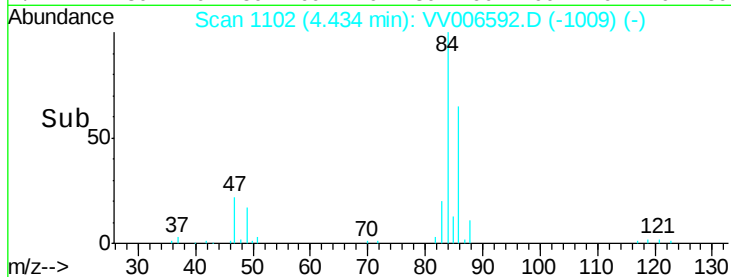
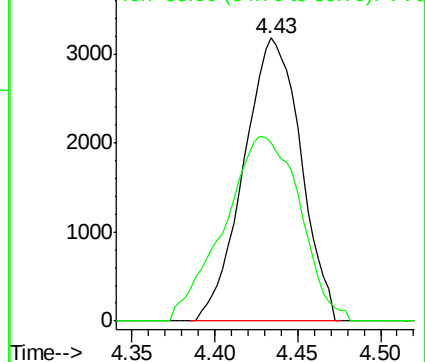
83 100

85 63.2 44.8 83.2



Abundance Ion 83.05 (82.75 to 83.75): VV006583.D (-1082) (-)

Ion 85.00 (84.70 to 85.70): VV006583.D (-1082) (-)



#34

Trichloroethene

Concen: 19.238 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006592.D

Acq: 12 Jul 2018 18:06

Tgt Ion: 95 Resp: 416035

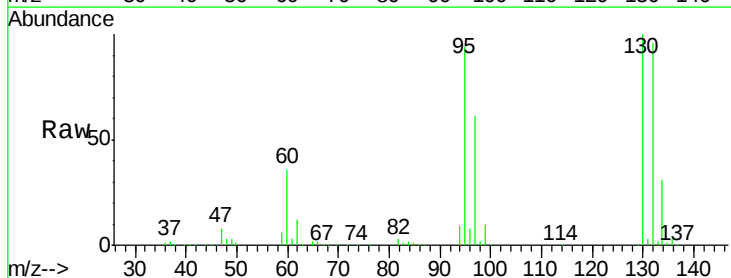
Ion Ratio Lower Upper

95 100

97 64.5 44.3 82.3

132 102.1 70.0 130.0

130 106.2 72.7 134.9

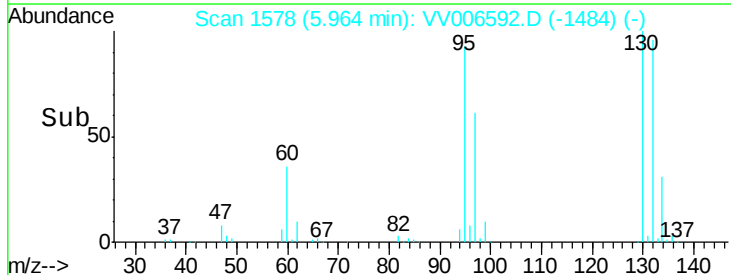
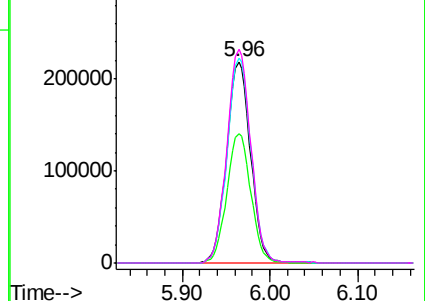


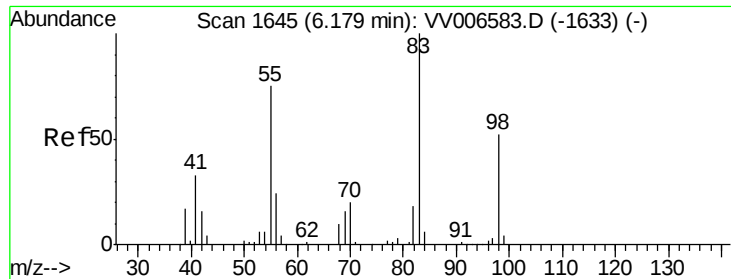
Abundance Ion 95.00 (94.70 to 95.70): VV006583.D (-1563) (-)

Ion 96.95 (96.65 to 97.65): VV006583.D (-1563) (-)

Ion 131.95 (131.65 to 132.65): VV006583.D (-1563) (-)

Ion 129.95 (129.65 to 130.65): VV006583.D (-1563) (-)

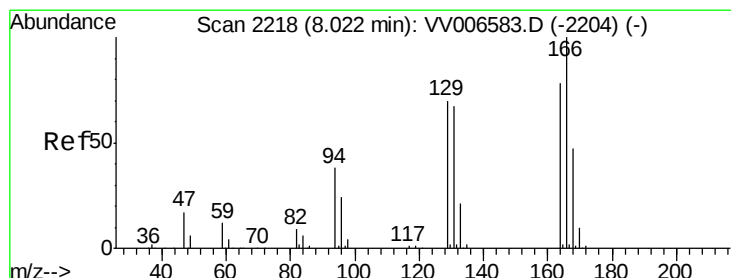
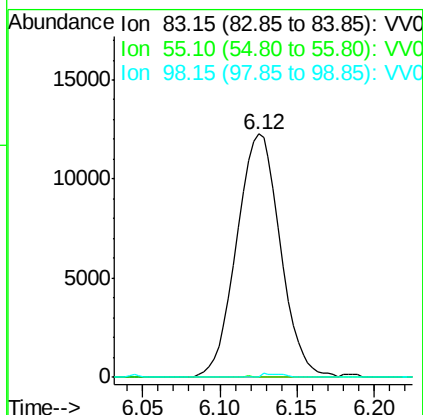
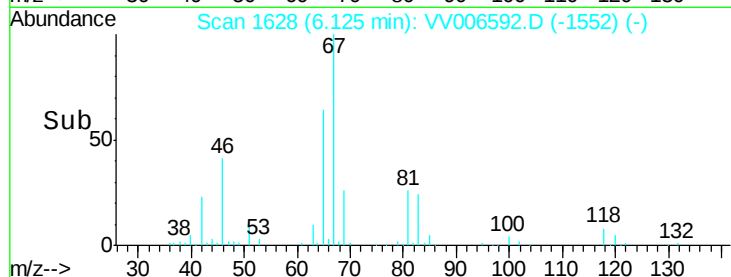
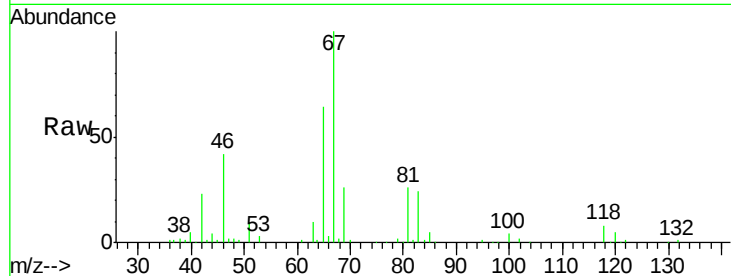




#35
Methylcyclohexane
Concen: 0.693 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006592.D
Acq: 12 Jul 2018 18:06

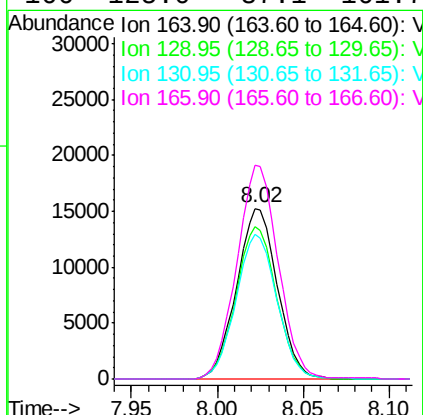
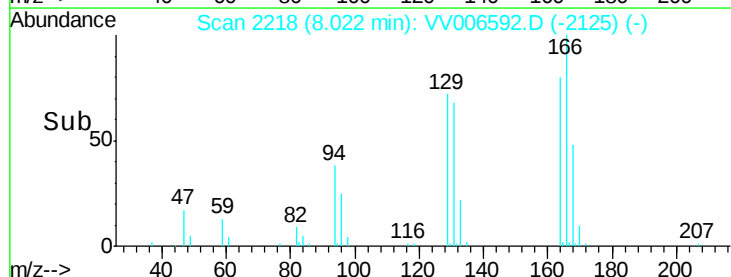
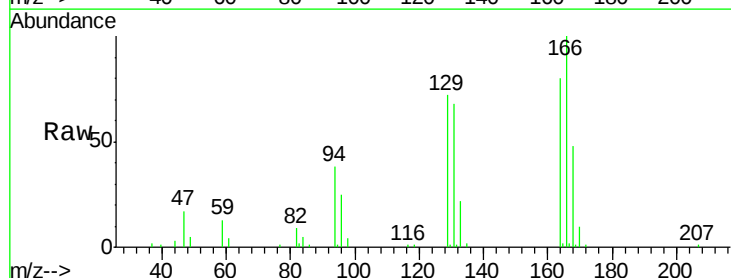
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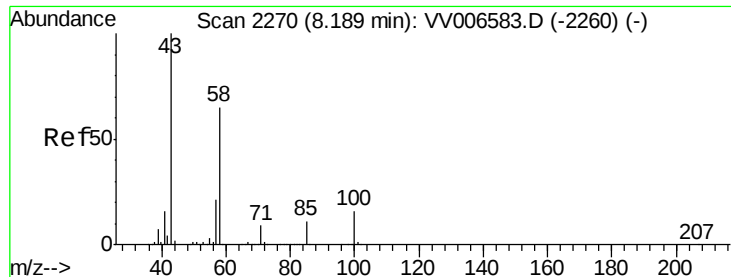
Tgt Ion: 83 Resp: 24117
Ion Ratio Lower Upper
83 100
55 0.1 58.3 87.5#
98 0.0 39.3 58.9#



#47
Tetrachloroethene
Concen: 1.409 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VV006592.D
Acq: 12 Jul 2018 18:06

Tgt Ion: 164 Resp: 25064
Ion Ratio Lower Upper
164 100
129 89.4 62.1 115.3
131 84.5 60.8 113.0
166 125.0 87.1 161.7

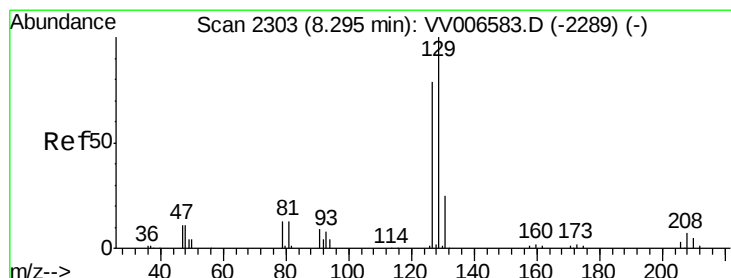
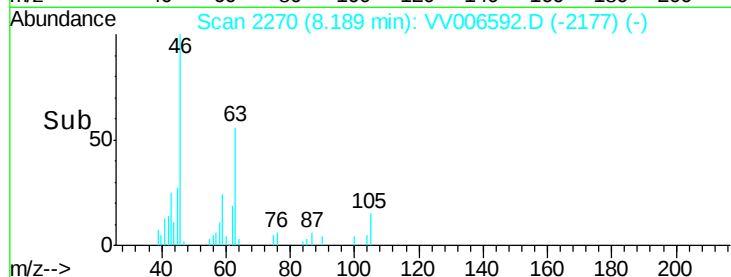
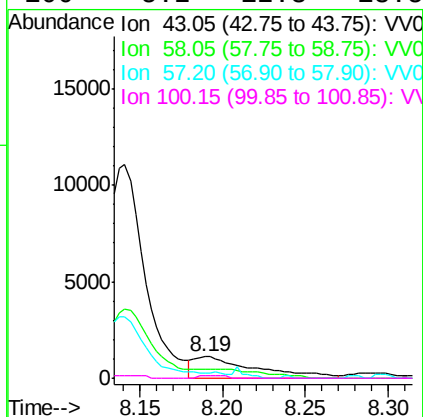
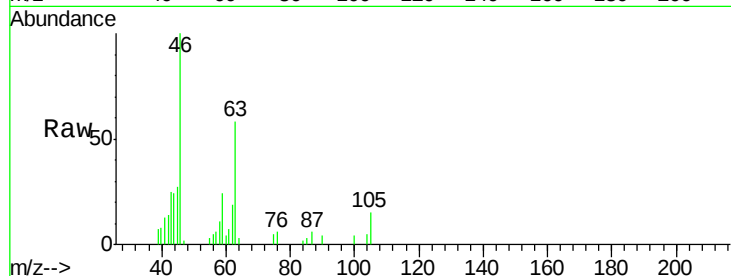




#48
2-Hexanone
Concen: 0.389 ug/L
RT: 8.19 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VV006592.D
Acq: 12 Jul 2018 18:06

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 43 Resp: 2882
Ion Ratio Lower Upper
43 100
58 0.0 50.3 75.5#
57 8.4 17.0 25.4#
100 5.2 12.3 18.5#



#49
Dibromochloromethane
Concen: 1.420 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. -0.27 min
Lab File: VV006592.D
Acq: 12 Jul 2018 18:06

Tgt Ion: 129 Resp: 21369
Ion Ratio Lower Upper
129 100
127 0.0 52.7 97.9#

